

## WEDGE WITH PUSH ROD AND HANDLE

## BACKGROUND OF THE INVENTION

## 1. FIELD OF THE INVENTION

THIS INVENTION RELATES TO THE APPLICATION OF WEDGES FOR THE PURPOSE OF ACTING AS A STOP, ACTING AS A RELEASE MECHANISM IN MOTORS BRAKES, AND OTHER ACTUATING DEVICES HAVING ROTATING, OSCILLATING, OR SLIDING PARTS FOUND IN RAILROAD TRAINS, TRUCKS, CARS AND MANY OTHER TYPES OF TRANSPORTATION. THE PURPOSE OF THIS INVENTION IS TO KEEP THE DOOR OF AUTOMOBILE OPEN WHEN A VEHICLE IS STOP, AND PARKED ON AN INCLINE IN WHICH THE DOOR HAS A TENDENCY TO CLOSE AS A PERSON ATTEMPTS TO EXIT THE VEHICLE.

## 2. DESCRIPTION OF THE PRIOR ART

## REFERENCES CITED

## U.S. PATENT DOCUMENTS

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THE DISCLOSURES OF THE PRIOR ART ARE UNIQUE BUT FUNCTIONALLY DISSIMILAR THAN THE PURPOSE OF THIS INVENTION.

THIS INVENTION IS SIMPLE IN CONSTRUCTION, EASY TO MAKE AND SERVES



A HUMAN NEED. THOMAS J. MAZZONE, THE PETITIONER, IS THE SOLE INVENTOR OF THIS DISCLOSURE, AND IS NOT AWARE OF ANY OTHER PATENTS IN CONFLICT WITH THIS ONE, OR PROPOSED USE.

#### SUMMARY OF THE INVENTION

BY

THIS INVENTION HAS BEEN INITIATED EXPERIENCING THE DIFFICULTY OF EXITING FROM A CAR WHEN IT IS PARKED ON AN INCLINE. THE CAR DOOR WILL NOT REMAIN OPEN MAKING IT VERY HARD TO GET OUT OF THE CAR. THE PROBLEM TAKES ON MORE DIFFICULTY IF A PERSON IS HANDICAPPED. THEREFORE THIS INVENTION IS A SOLUTION TO THIS PROBLEM BY THE USE OF A WEDGE WITH A PUSH ROD AND HANDLE THAT CAN BE INSERTED INTO THE CERVASSE OF THE DOOR HINGE.

#### BRIEF DESCRIPTION OF THE DRAWINGS

THERE ARE FOUR BASIC VIEWS OF THIS INVENTION: A TOP VIEW SHOWING THE STRUCTURE OF THE WEDGE ASSEMBLY, A VIEW OF THE DOUBLE EYELET COUPLING, A VIEW OF THE ASSEMBLY WITH THE ROD AND HANDLE AS ONE INTEGRATED PART, AND A VIEW ILLUSTRATING THE INSERTION OF THE WEDGE ASSEMBLY INTO THE MECHANISM OF THE HINGE TO PREVENT THE DOOR FROM CLOSING WHEN PARKED ON AN INCLINE SUCH AS A DRIVEWAY.

#### DETAILED DESCRIPTION OF THE INVENTION

INITIALLY, REFERENCE WILL BE MADE TO FIGURE 1 SINCE IT IS A PLAN VIEW OF THE WEDGE WITH ROD AND HANDLE ASSEMBLY SHOWING THE TOP, FRONT, SIDE VIEW OF THE WEDGE WITH THE PUSH ROD AND HANDLE ARRANGEMENT. THE TOP VIEW OF THE WEDGE, MEMBER 1, ILLUSTRATES ITS GEOMETRIC FORM WITH FOUR (4) PERPENDICULAR SIDES AND TWO (2) INCLINED SIDES. THE FRONT, TOP, SIDE 3 AND THE REAR SIDE 5 ARE PARALLEL TO EACH OTHER, AND SIDE 4 IS PERPENDICULAR TO SIDES 3 AND 5. WHILE SIDES 14 AND 15 ARE INCLINED TO SIDES 3 AND 5. ALL THE SURFACES OF WEDGE, MEMBER 1 ARE COATED WITH A THICK RUBBER LIKE MATERIAL THAT IS REFERRED TO AS MEMBER 2. THE COUPLING WITH THE

DOUBLE EYELET IS REFERRED TO AS MEMBER 7 AND IS ALSO COATED WITH THE SAME MATERIAL REFERRED TO AS MEMBER 2.

MEMBER 6 IS A ROD SHOWN ATTACHED TO THE SAID WEDGE WITH A FURNITURE CUP ATTACHED TO THE END. THE ROD, MEMBER 6, PASSES THROUGH ONE EYELET OF THE COUPLING, MEMBER 7, AND THE SECOND EYELET HOLDS THE HOOK (HANDLE), MEMBER 8, IN A FIRM POSITION RELATIVE TO THE SAID ROD. VIEW A-A OF THE COUPLING ILLUSTRATES THE GEOMETRY OF ELEMENT. FIGURE 2 DEPICTS THE ROD, MEMBER 6, AND THE HANDLE, MEMBER 8, CONSTRUCTED AS ONE UNIT WITH THE FURNITURE CUP, MEMBER 9, CONNECTED TO THE END OF THE ROD AS PREVIOUSLY DESCRIBED, THEREBY ELIMINATING THE NEED FOR A COUPLER. FIGURE 3 ILLUSTRATES THE HINGE CONNECTED TO THE CAR DOOR 13 AND THE CAR BODY 12 WITH THE DOOR IN THE OPEN POSITION, AND THE SAID WEDGE INSERTED INTO THE CERVASSE OF THE HINGE 11, THEREBY PREVENTING THE DOOR FROM CLOSING.